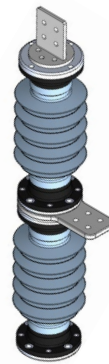


## Filter Capacitors

IN THE CONTEXT OF SIGNIFICANT GROWTH IN MODERN ELECTRICAL GRIDS DRIVEN BY RISING ELECTRICITY DEMAND AND THE INTEGRATION OF RENEWABLE ENERGY SOURCES, CONDIS SA SUPPORTS OEM AND UTILITIES BY PROVIDING CUSTOM-MADE HV FILTER CAPACITORS TO USE IN HV FILTERS.

HV Filter Capacitors are essential components in the construction of AC and DC filters, which are designed to eliminate high-frequency harmonics generated by power electronic components. These filter systems play a critical role in ensuring grid stability, improving power quality, and protecting sensitive equipment in increasingly complex and dynamic electrical networks.



### KEY ADVANTAGES

- ✓ Long maintenance-free lifetime
- ✓ Complete design including connectors, support insulator and corona-ring
- ✓ Swiss Made

### PRODUCT FEATURES

*These are sample values. Values out of these ranges are available upon request*

#### Electrical specifications

Rated Capacitance, pF	up to 100000*
Rated Voltage, kV	up to 800*
Frequency, Hz	DC, 50/60 and higher*
Rated lightning impulse voltage, kV	up to 2100*
Lightning impulse voltage, kV	up to 1550*

# CONDIS®

## Environmental

Temperature range, °C

from -50 to +90

Environment

Air, gas and oil\*

## Standards

IEC 60358-1\*

### CONDIS' HV filters are typically employed to:



Suppress harmonics generated by power electronics, such as HVDC converters and FACTS



Enhance power quality by supporting reactive power and reducing voltage distortions



Mitigate effects of large inductive loads in applications such as electric arc furnace, induction furnace, industrial motors and power transformers

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